

California OES Weather Threat Briefing

Sunday, July 21, 2019
9:00 AM PDT

Day 1: Isolated thunderstorms across the northern Sierra today. Slightly elevated fire weather concerns for portions of all regions. Heat related impacts for those sensitive to heat continue in the southern deserts.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

07/21/19 - 07/27/19

Sunday-Monday

- Isolated thunderstorms across primarily the northern Sierra on Sunday and Monday
- Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Coastal, Southern and Inland Regions
- Warming trend begins Sunday and Monday, with slightly elevated heat related impacts possible

Tuesday-Saturday

- Warming, breezy, and drier conditions will continue elevated fire weather concerns for portions of all regions through the week
- Isolated thunderstorms possible over the high Sierra through much of the week
- Increased moisture from the south will also bring a chance of thunderstorms to portions of Southern Region, primarily Wednesday and Thursday
 - Slow moving storms may bring a slight chance of heavy rain and flash flooding to Southern Region, especially on Wednesday
- Temperatures will continue to gradually warm across the state with increasing heat related impacts (peaking Wednesday-Saturday) possible for portions of Inland Region and the Southern Region desert areas



CALIFORNIA WEATHER IMPACTS

07/21/19 - 07/27/19

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Sierra	Sierra	Sierra	Sierra/ Southern	Sierra/ Southern	Sierra	Sierra
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions
Heat Risk	Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain / Flash Flooding / Debris Flow				Southern			
Extreme Cold							



No Impacts



Minimal Impacts

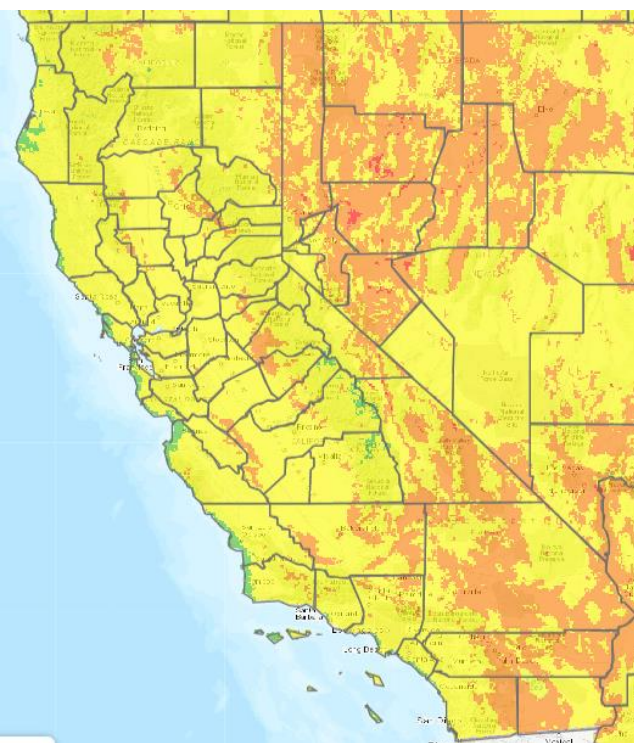


Moderate Impacts

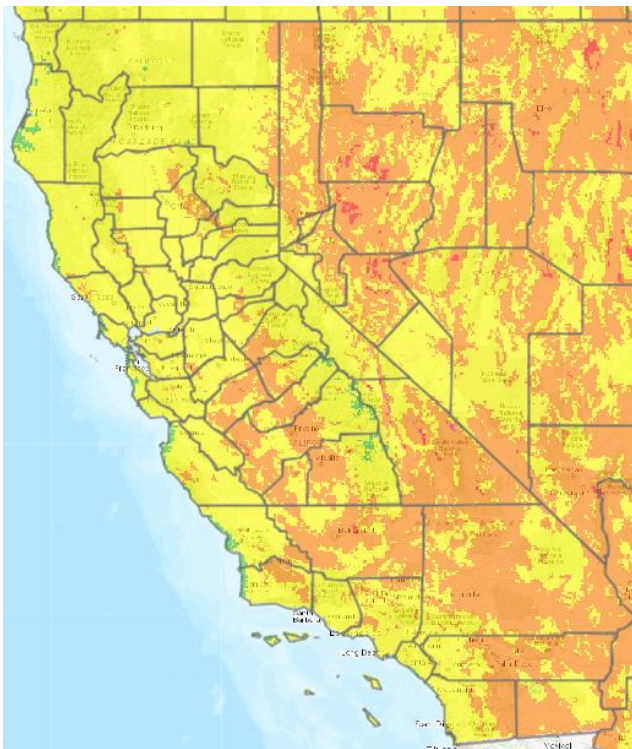


Severe Impacts

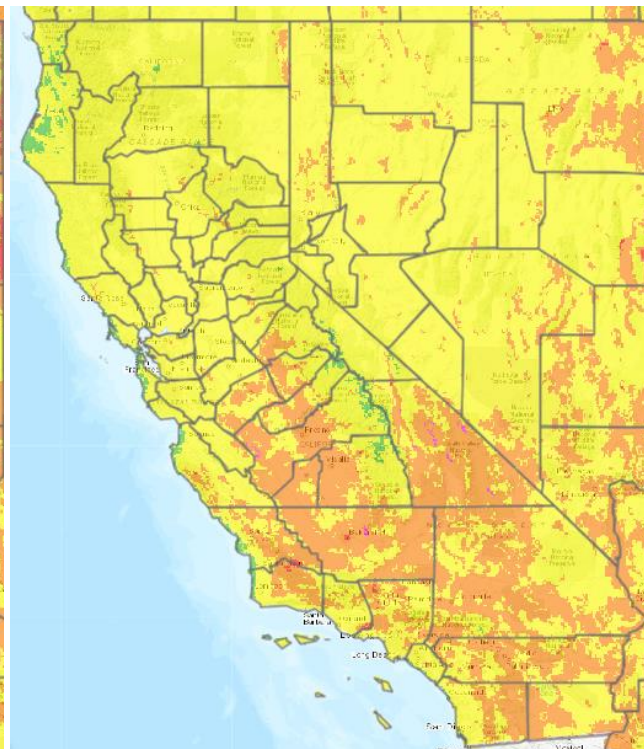
EXPERIMENTAL HEAT RISK FORECAST



Sunday, July 21



Monday, July 22



Tuesday, July 23

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight

<https://www.wrh.noaa.gov/wrh/heatrisk/>



PRECIPITATION FORECAST

07/21/19 - 07/23/19

No significant precipitation is expected over the next 3 days

Precipitation (inches)



WEATHER OUTLOOK

07/26/19 - 08/03/19

6-10 Day Outlook (July 26 – July 30)

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Above normal precipitation slightly favored for the Sierra and much of Southern Region, with near normal precipitation favored elsewhere

8-14 Day Outlook (July 28 – August 3)

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Above normal precipitation slightly favored for the Sierra and much of Southern Region, with near normal precipitation favored elsewhere



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